

**DEPARTMENT OF TRANSPORTATION****DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch  
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.15**SOURCE INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** SIR-000100**Date Inspected:** 22-Sep-2007**Project Name:** SAS Superstructure**OSM Arrival Time:** 900**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1415**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai China**Quality Control Contact:** Wu Min**Quality Control Present:** Yes No**Material transfer:** Yes No N/A**Sampled Items:** Yes No N/A**Stock Transfer:** Yes No N/A**OK to Cut:** Yes No N/A**Rebar Test Witness:** Yes No N/A**Delayed/Cancelled:** Yes No N/A**Other:****Bridge No:** 34-0006**Component:** Steel Plate**Bid Item:** 52 (SF)**Lot No:** B59-135-07/B59-136-07**Summary of Items Observed:**

The Caltrans QA representative Roscoe Dixon arrived at Zhenhua Port steel fabrication welding shop (ZPMC) of Shanghai, China to periodically monitor Quality Control (QC) functions. While on site the QA Inspector met with QC personnel Miss Wu Min at the plate yard, where the QA inspector verified material for visual condition and matched heat numbers with material heat numbers listed on the batch documents provided to the QA inspector by American Bridge/Fluor (ABF).

Material Test Reports: Quality Assurance (QA) Inspector Roscoe Dixon received plate material list for batch #18, plate list No. 1427~1535 received from American Bridge/Fluor (ABF). QA Inspector Dixon went to the ZPMC material storage yard accompanied by ZPMC Quality Control Miss. Wu Min. QA Inspector Dixon observed a total of 51 out of 110 plates for batch #18. The plates were observed for their general condition and markings. Plate material thicknesses range from 8mm to 28mm. The plates were designated as A709M-345T2-X and A709M-345T2-X-S. Plate material list for batch #18 was accompanied with material test reports (MTR?s). The MTR?s could not be reviewed on this date and will be reviewed at the earliest opportunity. QA Inspector Dixon assigned lot number B59-135-07 to the 51 plates observed on this date.

**Material Test Reports:**

Quality Assurance (QA) Inspector Dixon received plate material list for batch #19, plate list No. 1536~1606 received from American Bridge/Fluor (ABF). QA Inspector Dixon went to the ZPMC material storage yard accompanied by ZPMC Quality control Miss. Wu Min QA Inspector Dixon observed a total of 08 out of 71 plates for batch #19. The plates were observed for their general condition and markings. Plate material thicknesses range from 6mm to 20mm. The plates were designated as A709M-345T2-X. Plate material list for batch #18 was

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## SOURCE INSPECTION REPORT

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accompanied with material test reports (MTR's). The MTR's could not be reviewed on this date and will be reviewed at the earliest opportunity. QA Inspector Dixon assigned lot number B59-136-07 to the 08 plates inspected.

### Summary of Conversations:

All relevant work related conversations are as noted within the report shown above.

### Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Mazen Wahbeh, (818) 292-0659, who represents the Office of Structural Materials for your project.

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<b>Inspected By:</b>	Dixon,Roscoe	Quality Assurance Inspector
<b>Reviewed By:</b>	Cochran,Jim	QA Reviewer

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